

How Indium Helped a Private Sector Bank Reduce Maintenance Costs by USD 500K Leveraging Striim and Azure Synapse Analytics



Client Overview

- The client is one of the fastest growing private sector banks offering specialized services across various business verticals, namely: Corporate & Institutional Banking, Commercial Banking, Branch & Business Banking, Retail Assets, Development Banking and Financial Inclusion, Treasury and Financial Markets Operations.



Application Overview

- Indium leveraged Striim to migrate data in real-time from an Oracle & MS SQL On-prem Core Banking System to Azure ADLS (Data Lake) and Azure Synapse Analytics (Data Warehouse).



Business Challenges

- Create a pipeline to replicate data from the Core Banking System to the cloud infrastructure.
- Migration of historic data without any data leakage.
- 350+ tables were required to be updated in real-time using core banking systems..



Our Solutions

- Leverage Striim to achieve a real-time data replication pipeline between the Core Banking source systems to target Azure Cloud along with XML data conversion on the fly.
- Implement a process for the migration of terabytes of historical data from Oracle & MS SQL Core Banking system to the Cloud.
- Setup a diverse set of metrics and live dashboards for effective data monitoring and ease of use.



Technology

- Striim – Date Replication Tool.
- Oracle – Finacle Core Banking System.
- MS SQL – Ganaseva Core Banking System.
- Azure ADLS – Azure File Storage.
- Azure Synapse – Azure SQL Data Warehouse.

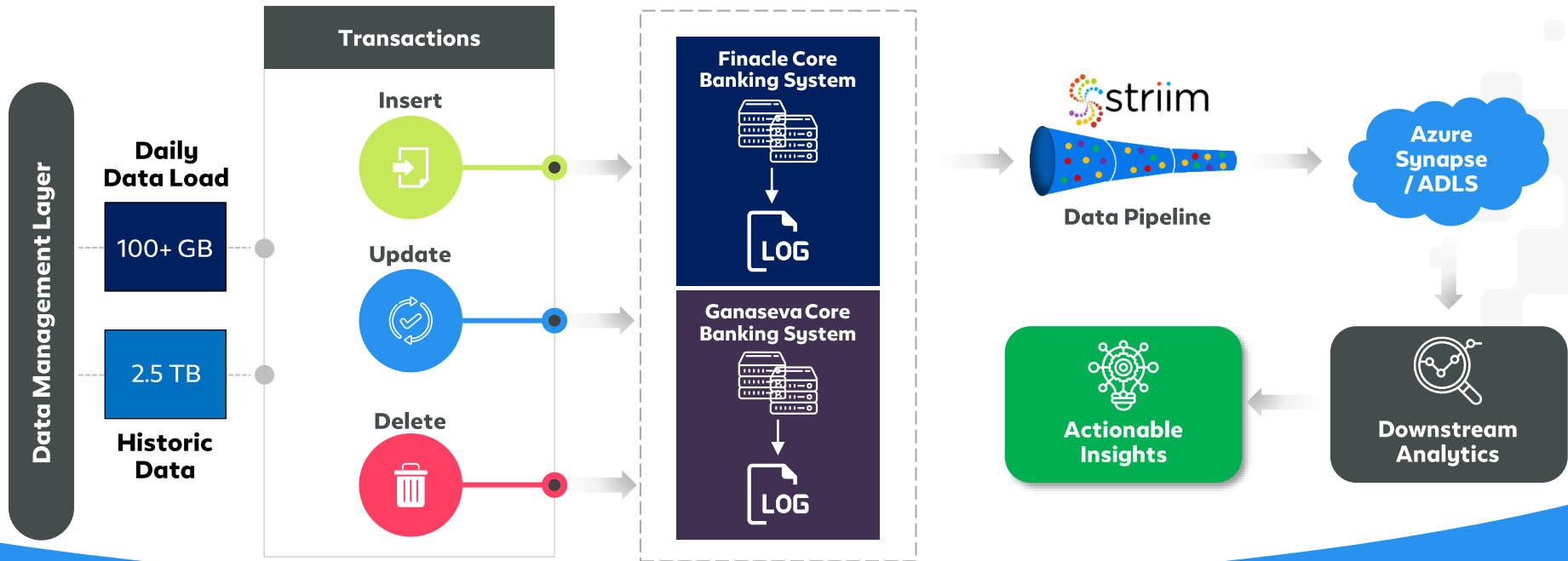


Business Impact

- 50% improvement in the data migration process efficiency, by leveraging Striim.
- Striim coupled with Azure Synapse Analytics reduced maintenance and technical support costs by nearly USD 500,000.
- Helped improve customer responsiveness and operational efficiency.



High Level Architecture



INDIA

Chennai | Bengaluru | Mumbai
Toll-free: 1800-123-1191

USA

Cupertino | Princeton | Boston
Toll-free: +1-888-207-5969

UK

London

SINGAPORE

+65 9630 7959

MALAYSIA

Kuala Lumpur
+60 (3) 2298 8465